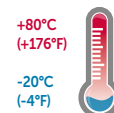


HT84T - 3/2 shut-off valve

For Extreme Temperature applications

Excelon® Plus Modular System

- Port size: 3/8" ... 3/4" (ISO G/PTF)
- Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- 3/2 way function
- Threaded exhaust port
- Lockable in closed position with padlock
- Salt Spray compliant to ISO 9227
- ABS cover with High impact properties



Technical features

Medium:

Compressed air only
Maximum supply pressure:
20 bar (290 psi)

Port size:

G3/8, G1/2, G3/4,
3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

From IN to OUT ports:
1/2": 162 dm³/s at 6,3 bar and
Δp 0,5 bar pressure drop,
1,8 dm³/s from OUT to exhaust
port.

Atex:

Shut-off valves HT84 are in
conformity with Atex 2014/34/EU



II 2 GD

Ex h IIC T6 Gb

EX h IIIC T85°C Db

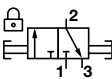
Ambient/Media temperature:

-20° ... +80°C (-4° ... +176°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C (+35°F).

Materials:

Body: Die cast aluminium
Body covers: ABS
(Magnum 3904)
Elastomers: NBR

Technical data HT84T - standard models

Symbol	Port size	Function	Valve type	Exhaust port forms	Weight (kg)	Model
	G3/8	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-3GA-B1N
	G1/2	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-4GA-B1N
	G3/4	3/2	Ball valve	Exhaust port threaded G1/4	0,48	T84T-6GA-B1N

Option selector

Function	Substitute
3/2	T

HT84T-★★A-B1N

Thread form	Substitute
PTF	A
ISO G parallel (standard)	G
Port size	Substitute
3/8"	3
1/2"	4
3/4"	6

Accessories

Wall mounting bracket  Page 6 840024-50KIT	Quikclamp  Page 6 H840014-51KIT	Quikclamp with bracket assembled  Page 6 H840014-52KIT	Port Adaptors  Page 7 <table><tr><td>3/8 PTF</td><td>H840015-02KIT</td></tr><tr><td>1/2 PTF</td><td>H840015-03KIT</td></tr><tr><td>3/4 PTF</td><td>H840015-04KIT</td></tr><tr><td>G3/8</td><td>H840015-10KIT</td></tr><tr><td>G1/2</td><td>H840015-11KIT</td></tr><tr><td>G3/4</td><td>H840015-12KIT</td></tr></table>	3/8 PTF	H840015-02KIT	1/2 PTF	H840015-03KIT	3/4 PTF	H840015-04KIT	G3/8	H840015-10KIT	G1/2	H840015-11KIT	G3/4	H840015-12KIT
3/8 PTF	H840015-02KIT														
1/2 PTF	H840015-03KIT														
3/4 PTF	H840015-04KIT														
G3/8	H840015-10KIT														
G1/2	H840015-11KIT														
G3/4	H840015-12KIT														
Hybrid Quikclamp *1  Page 6 840014-61	Hybrid Quikclamp with bracket assembled *1  Page 6 840014-62	Pressure sensing block 1/4 PTF  Page 6 H840016-50KIT	Pressure sensing block G1/4  Page 6 H840016-51KIT												

*1) To connect new Excelon® Plus to old Excelon® 74/73 units.
 Having the same hole centres as 74 series mounting bracket.
 A Quikclamp adds 13.6 mm to the overall width of a combination unit.

Full flow porting block 3/4" PTF  Page 6 H840028-50KIT	Full flow porting block G3/4  Page 6 H840028-53KIT	Full flow porting block 3/4" PTF  Page 6 H840028-68KIT	Full flow porting block G3/4  Page 6 H840028-69KIT	Pressure switch interface block (18D pressure switch) G1/4  Page 8 0337717000000000
Pressure switch 18D (0,5 ... 8bar) *4  Page 8 0881300	Digital pressure switch 51D (-1 ... 10 bar) *2  Page 8 0860810			

*2) -20 ... +60°C (-4 ... +140°F)
 *4) -10° ... +85°C (-14° ... +185°F)

Padlock

Padlock  840055-01KIT

Lockout device  840055-02KIT
--

Silencer

Porous plastic silencer *3) G1/4  M/S2
--

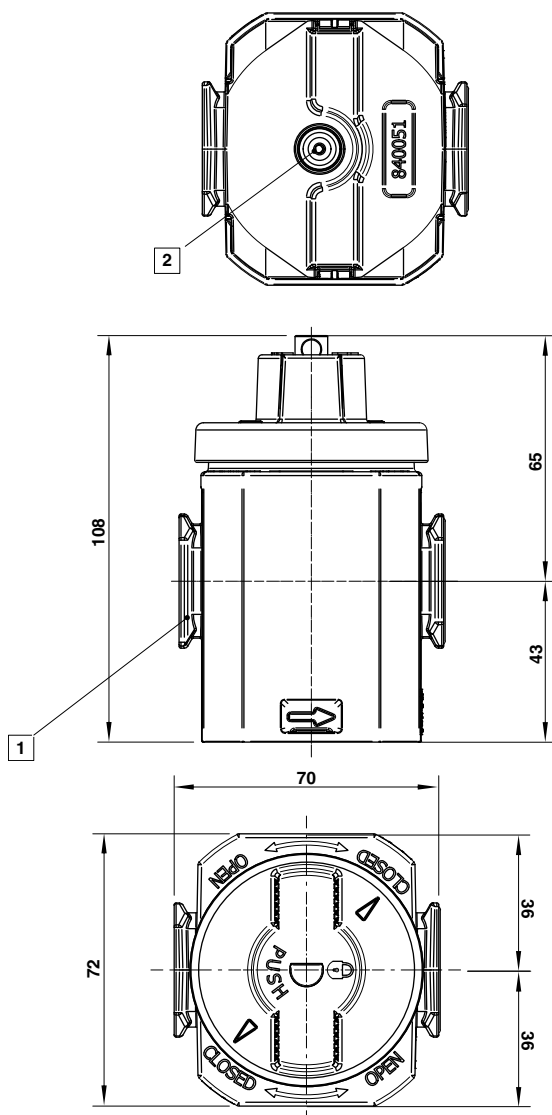
Sinter bronze silencer *3) G1/4  T40C2800
--

Sinter bronze silencer *3) 1/4 PTF  MS002A
--

*3) Max. pressure of silencers listed in this data sheet : 10bar.
 For pressure higher than 10bar please contact Norgren

Dimensions

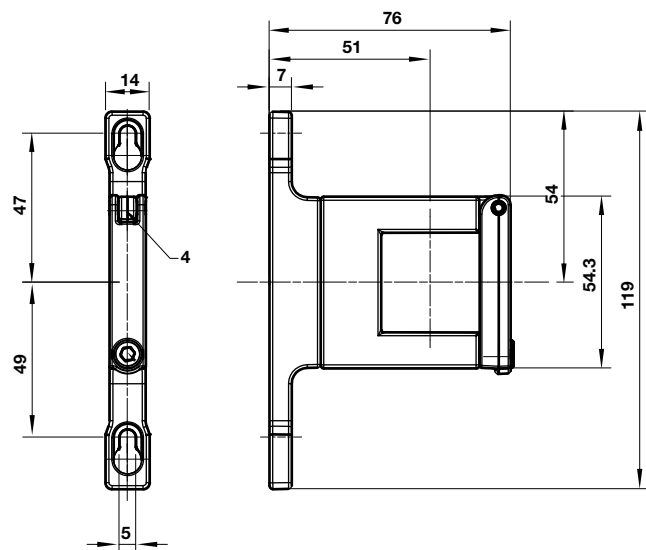
Dimensions in mm
Projection/First angle



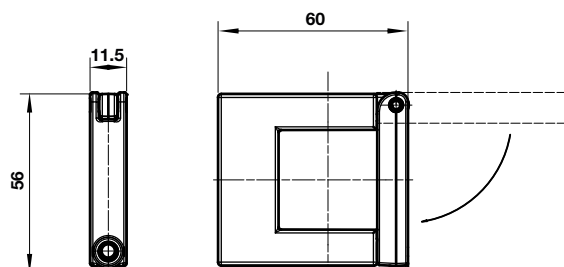
- 1 Main ports
3/8", 1/2" OR 3/4" ISO G/PTF
- 2 Exhaust Port G1/4 or 1/4 PTF

Accessories

Quikclamp with wall bracket



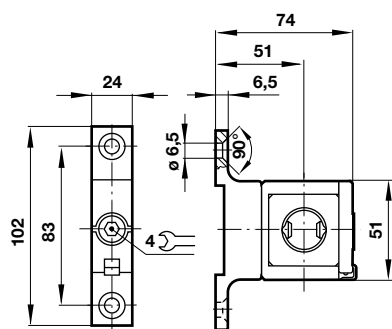
Quikclamp



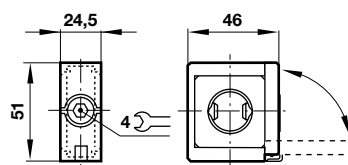
Dimensions in mm
Projection/First angle



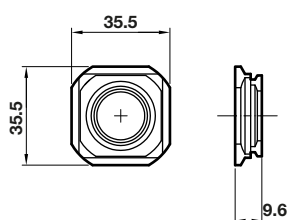
Hybrid-Quikclamp with wall bracket



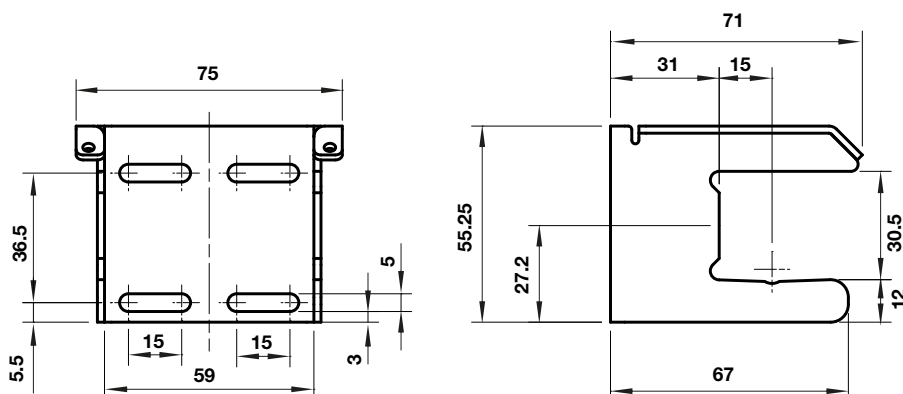
Hybrid-Quikclamp



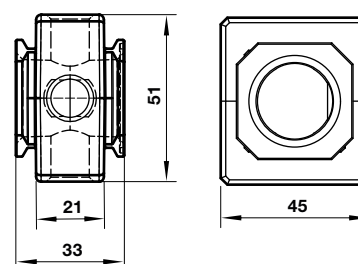
Connector 84-82 Series



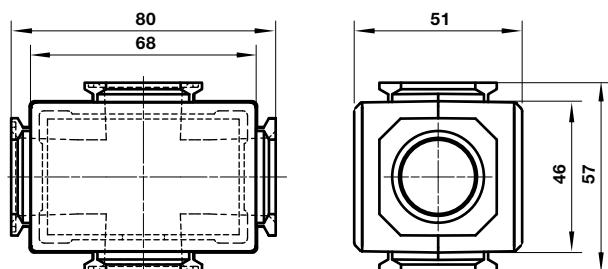
Mounting bracket



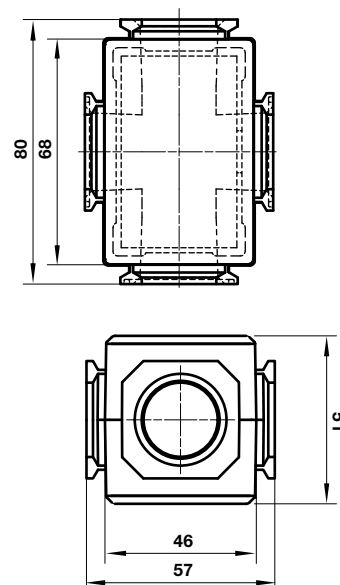
Pressure sensing block



Full flow porting block horizontal



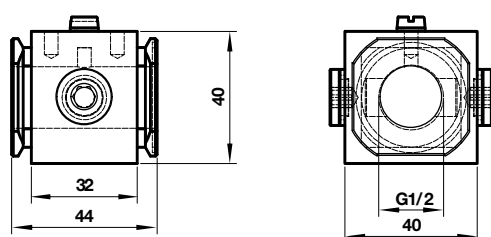
Full flow porting block vertical



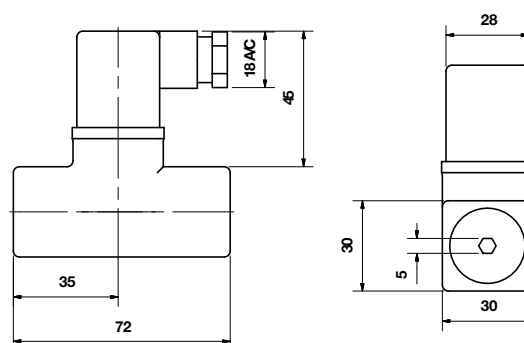
Dimensions in mm
Projection/First angle



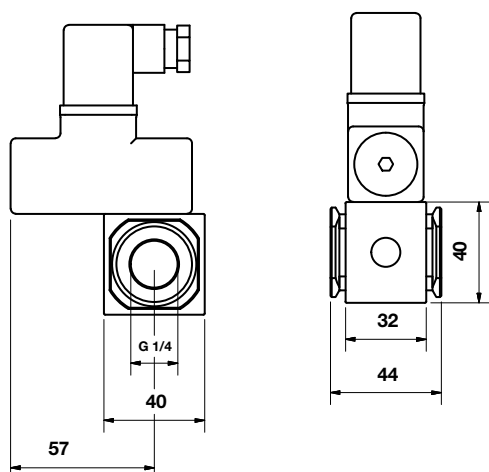
Porting block for 18D pressure switch



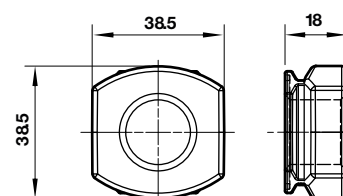
18D Pressure switch



18D Porting block and 18D assembled

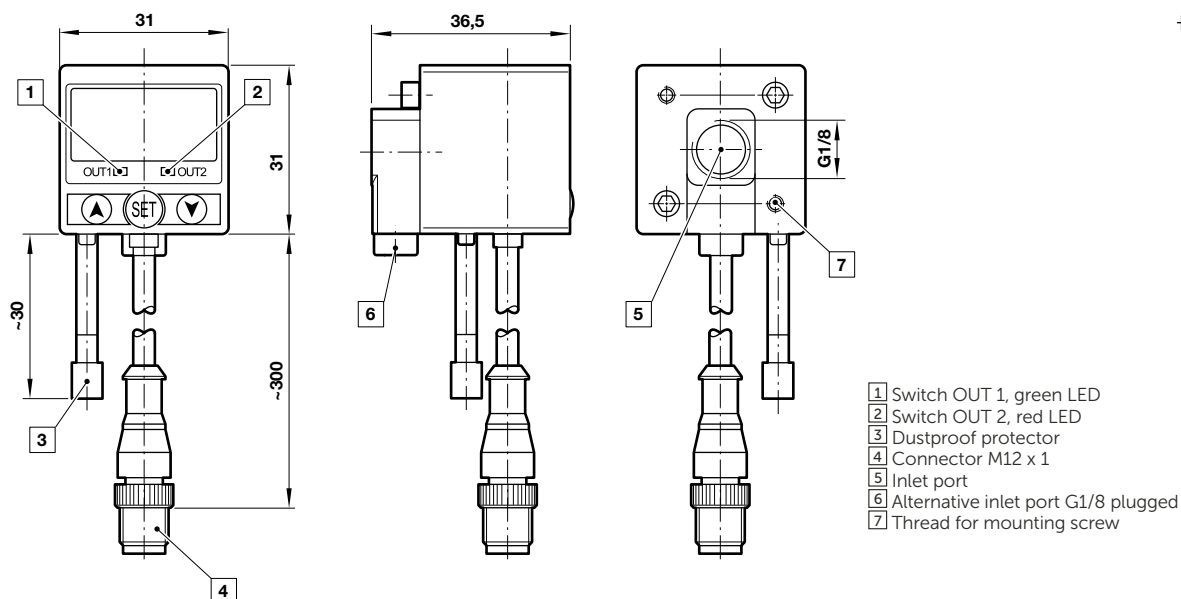


Pipe adaptor



51D Pressure switch - digital

Dimensions in mm
Projection/First angle



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.